What Is Claimed Is:

1. A system for navigating a vehicle comprising:

at least one sensor situated in the vehicle, the at least one sensor for sensing at least one datum corresponding to at least one of an instantaneous sensor value and a time-averaged sensor value, the at least one sensor electrically coupled to a vehicle bus;

a gateway node situated in the vehicle, the gateway node electrically coupled to the vehicle bus, the at least one sensor for communicating the at least one datum to the gateway node via the vehicle bus using a network protocol;

a processor, the gateway node for communicating the at least one datum to the processor using a wireless communication protocol; and

a positioning device, the positioning device electrically coupled to the processor, the processor adapted to use at least one of a former position, an initial position, and the at least one datum to determine a current position.

2. The system of claim 1, wherein the wireless communication protocol is a Bluetooth protocol.

3. The system of claim 2, wherein the network protocol is a Controller Area Network protocol.

4. The system of claim 3, wherein the gateway node is a Controller Area Network/Bluetooth gateway node.

5.   The system of claim 1, further comprising a memory, wherein the processor saves the

current position in the memory, the current position becoming the former position

when the processor retrieves the current position from the memory.

6.   The system of claim 1, wherein the at least one sensor is at least one of a wheel speed

sensor, a velocity sensor, a yaw rate sensor, a steering angle sensor, a body-slip angle

sensor, an attitude sensor, and an inertial sensor.

7.   The system of claim 1, wherein the processor is situated in a hand-held computer.

8.   A device for navigating a vehicle comprising:

        a processor, the processor for receiving at least one datum wirelessly from a

gateway node using a wireless communication protocol, the at least one datum

corresponding to at least one of an instantaneous sensor value and a time-averaged

sensor value; and

        a positioning device coupled to the processor, the processor adapted to use at

least one of a former position, an initial position, and the at least one datum to

determine a current position.

9.   The device of claim 8, wherein:

        the wireless communication protocol is a Bluetooth protocol; and

        the gateway node is a Controller Area Network/Bluetooth gateway node.

10. The device of claim 8, wherein the positioning device communicates the initial position to the processor.

11. The device of claim 8, further comprising a memory, wherein the processor saves the current position in the memory, the current position becoming the former position when the processor retrieves the current position from the memory.

12. The device of claim 8, wherein the processor is situated in a hand-held computer.

13. The device of claim 12, wherein the processor and the positioning device are integrated in one unit.

14. The device of claim 12, wherein the positioning device is at least one of a GPS receiver, a DGPS receiver, an AGPS receiver, and a cell-phone-based positioning system.

15. The device of claim 14, wherein the processor determines the current position in an area of at least one of low-coverage and no-coverage of at least one of a cellphone-based positioning system and a satellite navigation system.

16. A method for navigating a vehicle comprising:

measuring at least one datum by at least one sensor, the at least one datum being at least one of an instantaneous value and a time-averaged value;

transmitting electronically the at least one datum from the at least one sensor

to a gateway node via a vehicle bus using a network protocol;

transmitting wirelessly the at least one datum from the gateway node to a

processor using a wireless communication protocol;

receiving an initial position from a positioning device at the processor; and

calculating a current position by the processor using at least one of a former

position, the initial position, and the at least one datum.

17.   The method of claim 16, further comprising communicating an initial position from

the positioning device to the processor.

18.   The method of claim 16, further comprising saving by the processor the current

position in a memory, the current position becoming the former position when the

processor retrieves the current position from the memory.

19.   The method of claim 16, further comprising determining, by the processor, the current

position in an area of at least one of low-coverage and no-coverage of at least one of a

cellphone-based positioning system and a satellite navigation system.

21.   A system for monitoring at least one apparatus in a vehicle comprising:

at least one sensor situated in the vehicle, the at least one sensor for sensing at

least one error code of the at least one apparatus, the at least one sensor electrically

coupled to a vehicle bus;

a gateway node situated in the vehicle, the gateway node electrically coupled

to the vehicle bus, the at least one sensor for communicating the at least one error

code to the gateway node via the vehicle bus using a network protocol; and

a processor situated in the vehicle, the gateway node for communicating the at

least one error code to the processor using a wireless communication protocol.

22.   The system of claim 21, wherein the wireless communication protocol is a Bluetooth

protocol.

23.   The system of claim 22, wherein the network protocol is a Controller Area Network

protocol.

24.   The system of claim 23, wherein the gateway node is a Controller Area

Network/Bluetooth gateway node.

25.   The system of claim 21, wherein the at least one sensor interrogates the at least one

apparatus for the at least one error code when a request is received from a user.

26.   The system of claim 21, wherein the at least one apparatus is at least one of a brake

system, an engine system, an electrical system, and an auxiliary system.

27.   The system of claim 21, further comprising:

a cellphone communicator, the cellphone communicator electrically coupled to

the processor; and

a remote application, the remote application for communicating with the cellphone communicator via a cellphone base station;

wherein the remote application is for receiving the at least one error code.

28. A device for monitoring at least one apparatus in a vehicle comprising:

a processor, the processor for receiving at least one error code of the at least one apparatus from a gateway node, the gateway node for communicating the at least one error code to the processor using a wireless communication protocol.

29. The device of claim 28, wherein:

the wireless communication protocol is a Bluetooth protocol; and

the gateway node is a Controller Area Network/Bluetooth gateway node.

30. The device of claim 28, wherein the processor compares the at least one error code to a look-up table to determine a status code.

31. The device of claim 30, wherein the status code is communicated to a user.

32. The device of claim 31, wherein the status code is communicated to a user by at least one of a visual display unit and an audible signal.

33. The device of claim 28, wherein the processor is situated in a hand-held computer.

34.   A method for monitoring at least one apparatus in a vehicle comprising:

  measuring at least one error code by at least one sensor, the at least one error code corresponding to at least one status of the at least one apparatus;

  transmitting electronically the at least one error code from the at least one sensor to a gateway node via a vehicle bus using a network protocol; and

  transmitting wirelessly the at least one error code from the gateway node to a processor using a wireless communication protocol.

35.   The method of claim 34, further comprising comparing by the processor the at least one error code to a look-up table to determine a status code.

36.   The method of claim 35, further comprising communicating the status code to a user.

37.   The method of claim 36, further comprising communicating the status code to a user by at least one of a visual display unit and an audible signal.

38.   The method of claim 37, further comprising interrogating by the at least one sensor the at least one apparatus for the at least one error code when a request is received from the user.